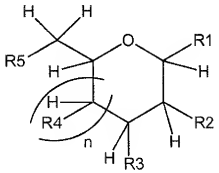
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A compound of formula I



formula I

Wherein, n is 0 or 1;

R1 is XR wherein,

X is selected from O; S; S=O and SO_2,

R is a moiety selected from the group consisting of: C1 to C9 alkyl, C2 to C15 alkenyl, C2 to C15 alkynyl, C1 to C15 heteroalkyl, C6 to C15 aryl, C6 to C15 heteroaryl, C6 to C15 arylalkyl or C6 to C15 heteroarylalkyl; which moiety R is optionally substituted, cyclic or acyclic, branched and/or linear,

the groups R2 to R5 are selected from OH, OR and N(Y)Z such that:

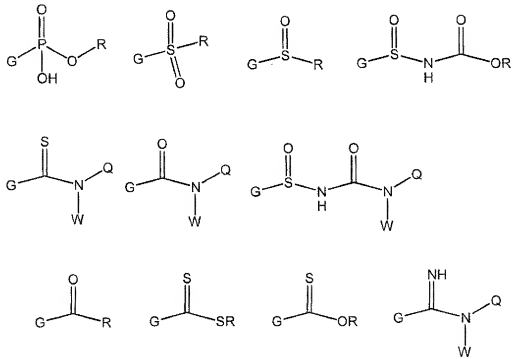
at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are OH,

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are OR, where R is defined above, with the proviso that when two of the groups R2

to R5 are OR, OR is an ether type moiety and the R groups may not both be methyl ~~C1 to C3 n-alkyl, allyl~~ or unsubstituted benzyl,

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are N(Y)Z, where Z is selected from hydrogen or R and Y is selected from the following, where G denotes the point of connection to the nitrogen atom in N(Y)Z, the N(Y)Z moieties may not be the same;

wherein when n = 1, ~~at least one of the groups R4 or R5 is OR or N(Y)Z~~ only one of R4 and R5 may be hydroxyl;



and the groups Q and W are independently selected from hydrogen or R as is defined above, and Q and W may combine to form a cycle,

the groups Z and Y may combine to form a cycle,

the groups R1 to R5 may not combine together to form a cycle,

with the proviso that where two groups in the compound of formula I are N(Y)Z, these groups are different,

with the further proviso that when either R2 or R5 is N(Y)Z, N(Y)Z may not be trifluoroacetamido, acetamido,

with the further proviso that when R2 is N(Y)Z, N(Y)Z may not be phthalimido, *N*-1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl (Dde), or a 5-Acyl-1,3-dimethylbarbiturate type protecting group (DTPM),

with the further proviso that the group R may not be or contain another saccharide moiety; and wherein the optional substituents are selected from the group consisting of OH, NO, NO_2, NH_2, N_3, halogen, CF_3, CHF_2, CH_2F, nitrile, alkoxy, aryloxy, amidine, guanidiniums, carboxylic acid, carboxylic acid ester, carboxylic acid amide, aryl, cycloalkyl, heteroalkyl, heteroaryl, aminoalkyl, aminodialkyl, aminotrialkyl, aminoacyl, carbonyl, substituted or unsubstituted imine, sulfate, sulfonamide, phosphate, phosphoramide, hydrazide, hydroxamate, hydroxamic acid, heteroaryloxy, aminoalkyl, aminoaryl, aminoheteroaryl, thioalkyl, thioaryl or thioheteroaryl, which may be further substituted.

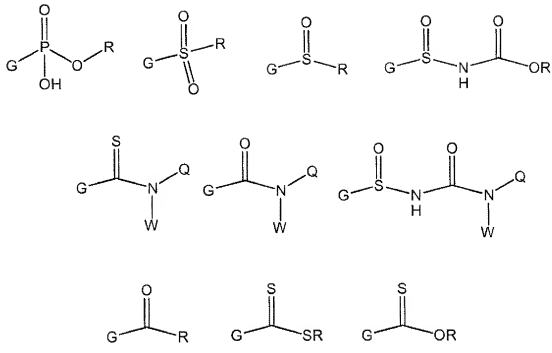
2. (Previously Presented) The compound of claim 1 wherein n is 1.

3. (Cancelled).

4. (Previously Presented) The compound of claim 2, wherein

n is 1,

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are N(Y)Z, where Z is selected from hydrogen or R and Y is selected from the following, where G denotes the point of connection to the nitrogen atom in N(Y)Z, the N(Y)Z moieties may not be the same;



and the groups Q and W are independently selected from hydrogen or R as is defined above, with the proviso that Y and Z may not both be hydrogen and where two groups in the compound of formula I are N(Y)Z, these groups are different,

the groups Z and Y may combine to form a cycle,

the groups R1 to R5 may not combine together to form a cycle,

with the proviso that where two groups in the compound of formula I are N(Y)Z, these groups are different,

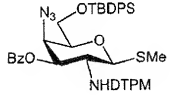
with the further proviso that when either R2 or R5 is N(Y)Z, N(Y)Z may not be trifluoroacetamido or acetamido,

with the further proviso that when R2 is N(Y)Z, N(Y)Z may not be phthalimido, *N*-1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl (Dde), or a 5-Acyl-1,3-dimethylbarbiturate type protecting group (DTPM),

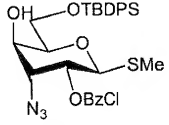
with the further proviso that when the scaffold is of the 2-deoxy-2-aminoglucose configuration and R5 and R4 are both hydroxyl, R3 may not be a glycolate [$-CH_2-CO_2H$] or lactate ether [$-CH(CH_3)-CO_2H$] or an ester or amide derivative thereof.

5. (Currently Amended) The compound of ~~any one of claims 1-4~~ claim 1 wherein the heteroarylalkyl is substituted by a moiety selected from the group consisting of OH, NO, NO_2, NH_2, N_3, halogen, CF_3, CHF_2, CH_2F, nitrile, alkoxy, aryloxy, amidine, guanidiniums, carboxylic acid, carboxylic acid ester, carboxylic acid amide, aryl, cycloalkyl, heteroalkyl, heteroaryl, aminoalkyl, aminodialkyl, aminotrialkyl, aminoacyl, carbonyl, substituted or unsubstituted imine, sulfate, sulfonamide, phosphate, phosphoramide, hydrazide, hydroxamate, hydroxamic acid, heteroaryloxy, aminoalkyl, aminoaryl, aminoheteroaryl, thioalkyl, thioaryl or thioheteroaryl, which may be further substituted, with the proviso that the group R may not be or contain a peptide, protein or amino acid.

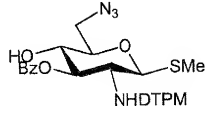
6. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



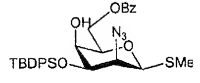
7. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



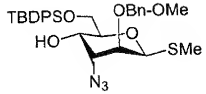
8. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



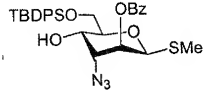
9. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



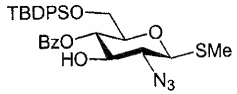
10. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



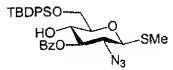
11. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



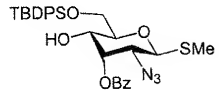
12. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



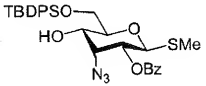
13. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



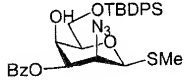
14. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



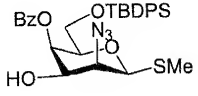
15. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



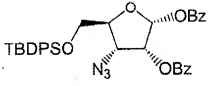
16. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



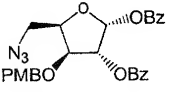
17. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



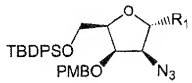
18. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



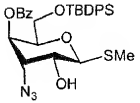
19. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



20. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:



21. (Withdrawn) A method of preparing a compound according to claim 1, said method comprising reduction of:

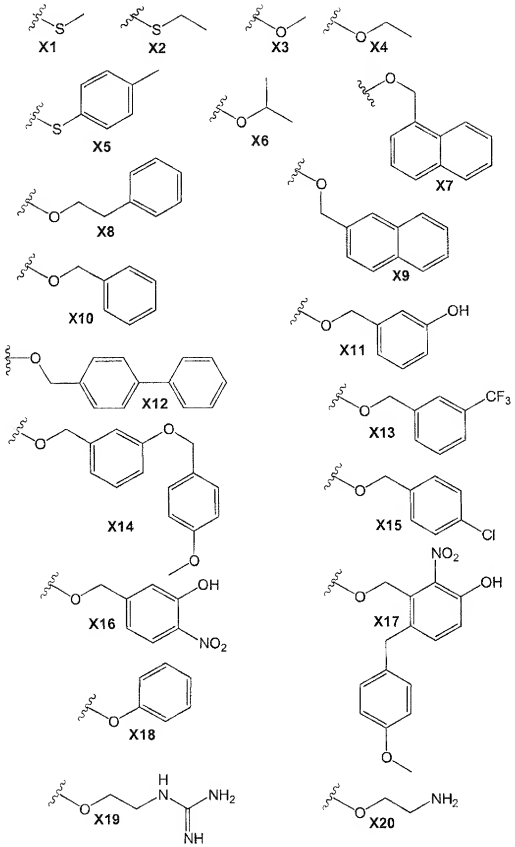


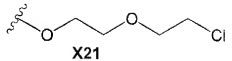
22. (Withdrawn) A method of synthesizing a compound of claim 1 wherein the compound is immobilised to a support.

23. (Withdrawn) The method of claim 22, wherein the compound is immobilised to the support through a hydroxyl group.

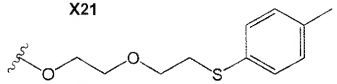
24 (Withdrawn) The method of claim 23, wherein the support is selected from the group consisting of derivatised polystyrene, tentagel, wang resin, MBHA resin, aminomethylpolystyrene, rink amide resin , DOX-mpeg and polyethylene glycol.

25. (Withdrawn) The compound of claim 1, wherein R1 is selected from the group consisting of

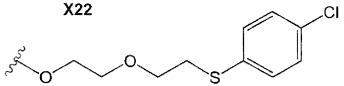

X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
OH
X12
X13
CF3
X14
X15
Cl
X16
OH
NO2
X17
NO2
OH
X18
X19
H
N
NH2
NH
X20
NH2



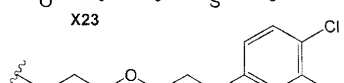
X21



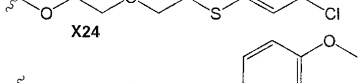
X22



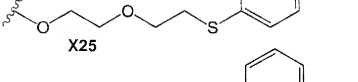
X23



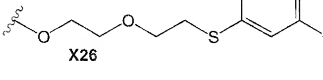
X24



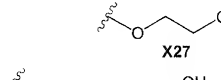
X25



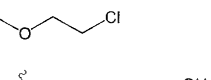
X26



X27



X28



X29

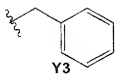
26. (Previously Presented) The compound of claim 1, wherein one of the R moieties in OR is selected from the group consisting of

Methyl

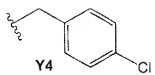
Y1

Ethyl

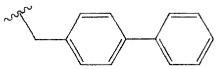
Y2



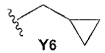
Y3



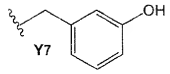
Y4



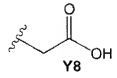
Y5



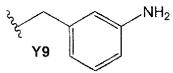
Y6



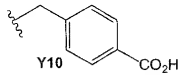
Y7



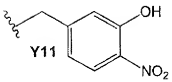
Y8



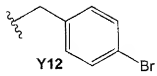
Y9



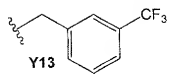
Y10



Y11



Y12



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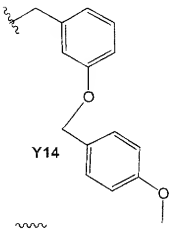

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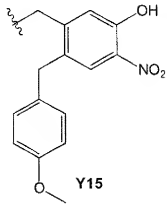

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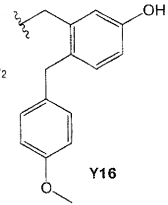

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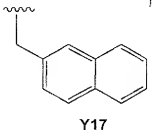

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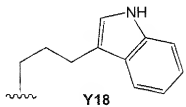

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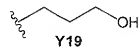

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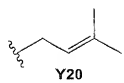

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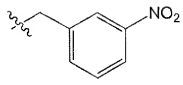
Y21 Y22



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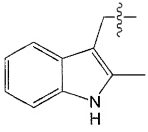

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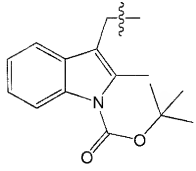

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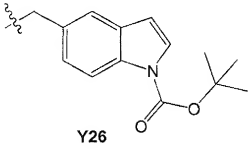

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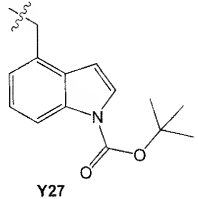

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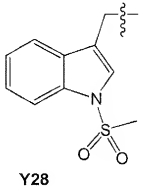

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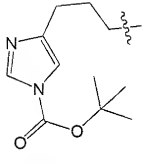

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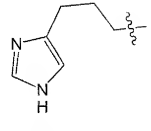
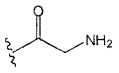


Y30

27. (Previously Presented) The compound of claim 1, wherein Y is selected from the group consisting of


Z1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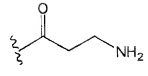
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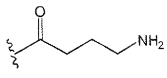
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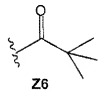
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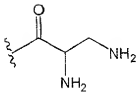
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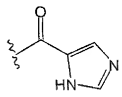
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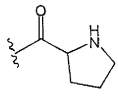
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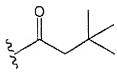
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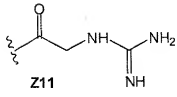
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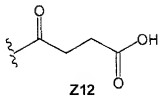
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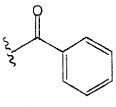
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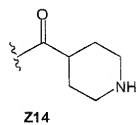
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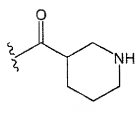
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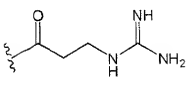
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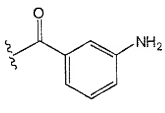
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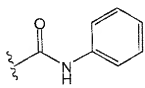
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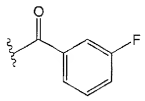
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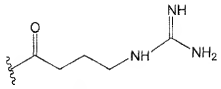
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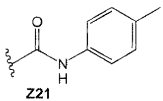
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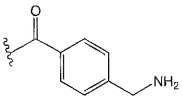
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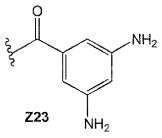
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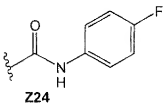
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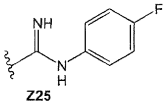
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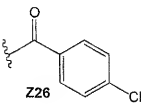
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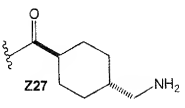
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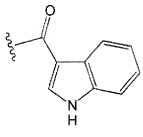
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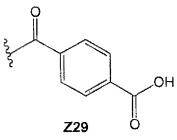
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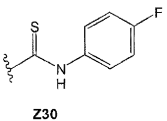
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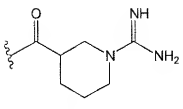
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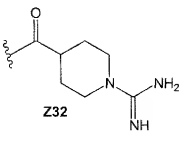
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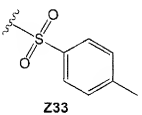
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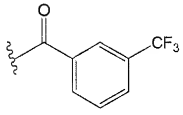

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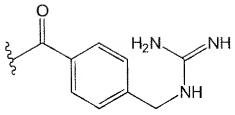

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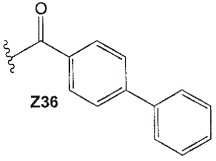

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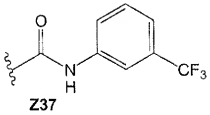

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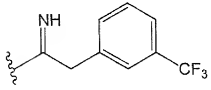

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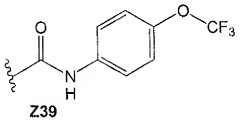

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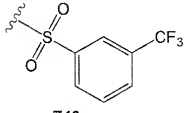

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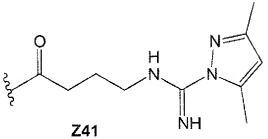

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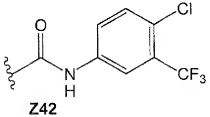

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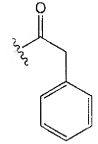

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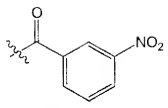

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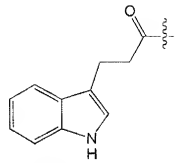

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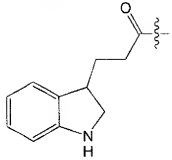

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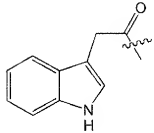

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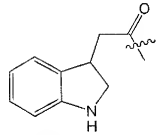

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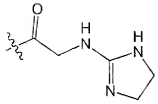

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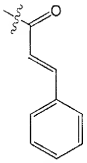

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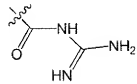

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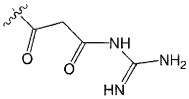

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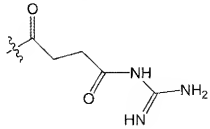

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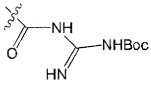

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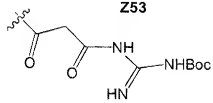

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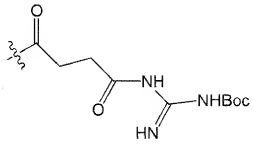

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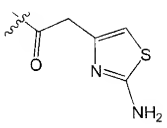

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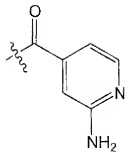

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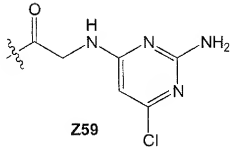

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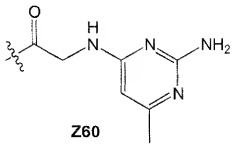
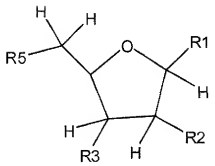


Z60

28. (Previously Presented) A compound of formula 2



formula 2

R1 is XR wherein,

X is selected from O; S; S=O and SO_2,

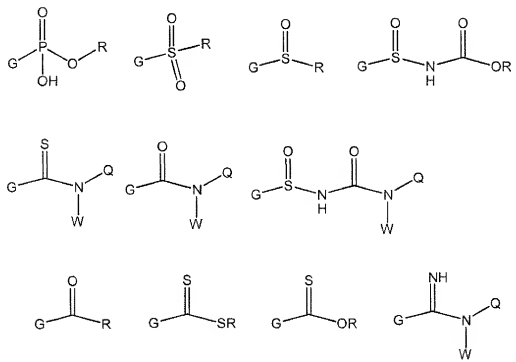
R is a moiety selected from the group consisting of: C1 to C9 alkyl, C2 to C15 alkenyl, C2 to C15 alkynyl, C1 to C15 heteroalkyl, C6 to C15 aryl, C6 to C15 heteroaryl, C6 to C15 arylalkyl or C6 to C15 heteroarylalkyl; which moiety is optionally substituted, cyclic or acyclic, branched and/or linear,

the groups R2 to R5 are selected from OH, OR and N(Y)Z such that:

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are OH,

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are OR, where R is defined above, with the proviso that when two of the groups R2 to R5 are OR, OR is an ether type moiety and the R groups may not both be methyl or unsubstituted benzyl,

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are N(Y)Z, where Z is selected from hydrogen or R and Y is selected from the following, where G denotes the point of connection to the nitrogen atom in N(Y)Z, the N(Y)Z moieties may not be the same;



and the groups Q and W are independently selected from hydrogen or R as is defined above, and Q and W may combine to form a cycle,

the groups Z and Y may combine to form a cycle,

the groups R1 to R5 may not combine together to form a cycle,

with the proviso that where two groups in the compound of formula I are N(Y)Z, these groups are different,

with the further proviso that when either R2 or R5 is N(Y)Z, N(Y)Z may not be trifluoroacetamido, acetamido,

with the further proviso that when R2 is N(Y)Z, N(Y)Z may not be phthalimido, *N*-1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl (Dde), or a 5-Acyl-1,3-dimethylbarbiturate type protecting group (DTPM),

with the proviso that the group R may not be or contain another saccharide moiety; and wherein the optional substituents are selected from the group consisting of OH, NO, NO_2, NH_2, N_3, halogen, CF_3, CHF_2, CH_2F, nitrile, alkoxy, aryloxy, amidine, guanidiniums, carboxylic acid, carboxylic acid ester, carboxylic acid amide, aryl, cycloalkyl, heteroalkyl, heteroaryl, aminoalkyl, aminodialkyl, aminotrialkyl, aminoacyl, carbonyl, substituted or unsubstituted imine, sulfate, sulfonamide, phosphate, phosphoramide, hydrazide, hydroxamate, hydroxamic acid, heteroaryloxy, aminoalkyl, aminoaryl, aminoheteroaryl, thioalkyl, thioaryl or thioheteroaryl, which may be further substituted.

29. (New) A library of compounds containing a plurality of compounds of formula 1 according to claim 1.